preferred in some embodiments). Preferably, different types of spunbond form the upper (S1) and lower (S2) layers.. Generally, S1 should be a coarse denier and have a fluffy structure of spunbond. S2 (which may be provided as a supporting layer) should be a fine denier and have a dense structure of paper like spunbond. A middle layer of meltblown should have a structure which would adhere on both sides.

For a backsheet application, it is desirable to have a water resistance of over 200 mm/Aq of at least 200 mm/Aq but preferably about 400 mm/AQ, such that the SMS (whose ratio is between the M layer and the S2 layer) is high. The total basis weight of the SMS is preferably in the range of about 20 to 45 g/m2 and its three components is preferably included in the following: 5~15 g/m2 S1; 5~10 g/m2 M; and 10~20 g/m2 S2.

(7) Absorbent core and topsheet/absorbent core composites. For these composites, a high concentration or ratio of S1 is preferable so that a large amount of SAP may be mounted , but should have a lower concentration or ratio of M and S2. For example, the following ratios or concentrations will be preferred in many of the embodiments of this composite: 10~15 g/m2 S1; 0~5 g/m2 M (note that if the concentration of M is 0, the composite is composed only of spunbond); and 5~10 g/m2 S2.

(8) Containment wall and containment wall/absorbent core composite. Since the containment wall should be water-resistant (such as the backsheet), similar compositions will be applied in this embodiment. However, the containment walls are generally thinner than the backsheet but will preferably have a high ratio between M and S2. The following is one composition suitable for this embodiment of the invention: 4~5 g/m2 S1; 5~7 g/m2 M; and 5~7 g/m2 S2.